

ABSTRACT OF THE DISCLOSURE

The "Dynamic-Adaptive-Damping-Attenuant Mechanism", which is called DADAM, is as the bridge of the mechanical-electrical interconnected system. Not only the DADAM is as the dynamic buffer zone and the size is regulated adaptively and proportional to the load, but also provides the self attenuation area with attenuating the superabundant energy. This is the key why the superabundant braking energy could be recycled. Such as the system could be stable and more reliable, even the over limited load, as the shock of high voltage, occurred. For applying to the vehicle braking system, the distance of braking is shortened.